

In the Claims

1.-19. (Cancelled)

20. (Previously Presented) A voltaic element comprising a plurality of lithium intercalating electrodes, a collector connected to each electrode, a housing comprising flexible film material enclosing the electrodes and collectors, and diverters connected to collectors associated with positive and negative electrodes of the element and connected to safety electronics conducted exteriorly of the housing, wherein at least one of the diverters which connect element and safety electronics consists of copper foil coated with nickel on both foil surfaces in layer thicknesses of 10 nm to 3 μm , and the collectors associated with the negative electrodes consist of copper without an Ni coating and only collectors consisting of copper without an Ni coating connect to the at least one diverter consisting of copper foil coated with nickel on both surfaces thereof.

21. (New) A voltaic element comprising a plurality of lithium intercalating electrodes, a collector connected to each electrode, a housing comprising flexible film material enclosing the electrodes and collectors, and diverters connected to collectors associated with positive and negative electrodes of the element and connected to safety electronics conducted exteriorly of the housing, wherein at least one of the diverters which connect element and safety electronics consists of copper foil coated with nickel on both foil surfaces in layer thicknesses of 10 nm to 3 μm , and the collectors associated with the negative electrodes consist of copper without an Ni coating and only collectors consisting of copper without an Ni coating connect to the at least one diverter consisting of copper foil coated with nickel on both surfaces thereof such that the element has a conductivity between 10.5 and 56 $\text{m} / \Omega \cdot \text{mm}^2$.